## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/588664

Applicant:

Won-Kyu Kim

Serial No.:

Conf. No.:

Filed:

August 4, 2006

For:

MUTUALLY CONVERTIBLE

**BOILER BETWEEN NORMAL TYPE** 

AND CONDENSING TYPE

Art Unit:

Examiner:

IAP20 Rec'd PCT/PTO 0.7 AUG 2006

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## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within any of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the application or the date of entry into the national stage; or
- (b) before the mailing date of First Office Action on the merits (i.e., not including actions such as restriction requirements); or
- (c) before the mailing of a First Office Action after the filing of a Request for Continuing Examination.

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of foreign patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R.§§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Telephone: (312) 360-0080 Facsimile: (312) 360-9315 Customer Number 24978 GREER, BURNS & CRAIN, LTD.

Roger D. Greer, Reg. No. 26,174

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## IAP20 Rec'd PCT/PTO 07 AUG 2006

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	OCUMENTS  Name of Patentee or Pages, Columns, Lines, V		
Initials*	No.1			Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2 (# known)</sup>				
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date .	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		EP 0,507,167 A2	10/7/1992	Gelewski		
		JP 2001-336836	12/7/2001	Osaka Gas Co., Ltd.		
		JP 06-313627	11/8/1994	Matsushita Electric		
		JP 59-112146	6/28/1984	Matsushita Electric		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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